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ATHERTON URBAN DISTRICT.

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

1 9 4 6.



PUBLIC HEALTH DEPARTMENT,
ATHERTON.
September, 1947.

September, 1947.

To the Chairman and Members of the
Public Health Committee, Atherton.

I beg to submit the Annual Report on the health of the
District for the year 1946.

Upon my return from H.M. Forces in October, Dr.G.E.Hayward
vacated the position of Medical Officer of Health, and I am grateful
to him for the continuity he has maintained during my absence.

May I also record my appreciation of the consideration
which the Chairman and Members of the Health Committee have given me
during my war service and since my return.

The report follows similar lines to its immediate
predecessors in conformity with the recommendations of the Ministry
of Health.

I am,
Yours faithfully,

E. Jaylor

Medical Officer of Health.

THE URBAN DISTRICT OF ATHERTON.

AREA of the District - 2265 acres.
POPULATION at census 1931 - 19,989. Estimated population in
middle of 1946 - 20,190.
Number of INHABITED HOUSES at end of year - 5,933.

VITAL STATISTICS.

	Total	M.	F.	
Live births { Legitimate	346	188	158	
Live births { Illegitimate	11	4	7	Birth-rate per 1,000 estimated population mid-1945
Live births { Total	<u>357</u>	<u>192</u>	<u>165</u>	17.6
Still-births	16	9	7	Rate per 1,000 total (live & still)births
Deaths	222	134	88	42.0
Deaths from puerperal causes -				Death-rate per 1,000 estimated population
	Deaths			10.9
Puerperal & post-abortive sepsis	Nil			Death rate per 1,000 total (live & still) births
Other maternal causes	<u>1</u>			Nil
Total maternal mortality	<u>1</u>			2.68
Death-rate of infants under one year of age				2.68
All infants per 1,000 live births				33
Legitimate infants per 1,000 legitimate live births				21
Illegitimate infants per 1,000 illegitimate live births				90
Deaths from Cancer (all ages -				37
" " Tuberculosis (Pulmonary)				2
" " " (Non-pulmonary)				Nil
" " Measles				Nil
" " Whooping Cough				Nil
" " Diarrhoea (Under 2 year of age)				Nil

Population for Birth-rate and Death-rate 20,190

Per 1,000 of estimated population					
	Live birth-rate	Crude death-rate	Death-rate from Tuberculosis of respiratory system	Death-rate from Cancer	Rate of deaths under one year per 1,000 live births
Mean of 5 yrs. 1941 - 1945	16.8	11.7	0.26	1.59	60
1946	17.6	10.9	0.09	1.83	33
Increase or decrease in 1946 on 5 yrs average 1941 - 1945	+0.8	-0.8	-0.17	+0.24	-27
Previous year	+0.4	-0.4	-0.11	-0.17	+10
England & Wales 1945	19.1	11.5			43
Maternal Mortality Rate					
	Per 1,000 live births		Per 1,000 total (live & still) births		
Mean of 5 yrs 1941 - 1945	2.45		2.33		
1945	2.97		2.84		
1946	2.80		2.68		
Increase or decrease in 1946 on 5 yrs average 1941 - 1945	+0.35		+0.35		
Previous year	-0.17		-0.16		

Sanitary Circumstances of the Area.

WATER SUPPLY.

The water from the Manchester and Bolton sources of supply was maintained satisfactorily both as to quality and quantity. All dwelling houses (5,933) housing a population of 20,190 are supplied direct from the main. Regular bacteriological and chemical analyses have been carried out totalling 65, all of which were satisfactory. The water has a slight tendency to plumbo - solvent action, and received treatment at source - all chemical analyses (65) proved satisfactory.

DRAINAGE & SEWERAGE.

There have been no important extensions or alterations in the general scheme.

CLOSET CONVERSIONS.

In spite of supply difficulties 5 waste water closets were converted to fresh water closets.

HOUSING.

During the year, no new permanent houses were built, although 50 prefabricated bungalows were erected. Inspections of houses totalled 892, and necessary renewals and repairs were carried out in 399 instances.

Housing conditions in general, compare favourably with other districts of a similar industrial nature, and a fair standard of fitness is maintained.

The comments made in last year's report are still applicable, and the provision of houses on a sufficient scale remains a major problem.

HOUSING(cont.)

Infestation. 12 houses were found to be bug infested, and were treated with insecticide (5% D.D.T. solution) :- Council houses 7
Other houses 5

FOOD INSPECTION.

This work has been carried out continuously during the year, and shops, bakehouses, dairies, farms and other food preparing premises have been inspected frequently.

FACTORIES ACT, 1937.

Inspections in accordance with the above Act were carried out, and all defects found were remedied forthwith.

No. of inspections 143

No. of defects 13

INFECTIOUS DISEASES.

DIPHTHERIA. The improved position was maintained - five cases being notified in the year, with no deaths.

Age at 31.12.46 Born in Year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 - 9 1937-41	10- 14 1932-36	Total Under 15
Number Immunised	2	145	136	165	191	1,013	1,103	2,755

	Under 5 years of age	Over 5 and under 15 years of age	Total under 15 years of age
Total number Immunised	639	2,116	2,755
% of child popul- ation Immunised	40	75	64

The above tables speak for themselves, and prove that there can be no easing up in the drive to maintain an immune population. Unfortunately the figures refer only to children immunised by this Department, and it is known that a considerable number of infants are privately immunised against Diphtheria and whooping Cough. It has proved quite impossible to obtain any statistics from the General Practitioners, but it is felt that the percentage of children under 5 years of age immunised could be increased by 10% at least.


SCARLET FEVER. 22 cases were notified, and were scattered about the District. The type was generally of a very mild form.

MEASLES. attained epidemic proportions at the end of the year when 494 cases were notified during 3 months. It was of a mild type and caused few complications and no deaths. There were 511 notifications during the year.

SCABIES 281 persons were treated for this disease, which has shown a steady reduction in incidence during the year.

Other cases of Infectious Disease do not call for special comment.

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ATHERTON URBAN DISTRICT.

TABLE 1.

Causes of death during the year

1946.

Registrar General's Return.

CAUSE OF DEATH		MALES	FEMALES
Cerebro Spinal Fever		-	-
Scarlet Fever		-	-
Diphtheria		-	-
Measles		-	-
Whooping Cough		-	-
Acute Infective Encephalitis		1	-
Tuberculosis of Respiratory System		1	1
Other Tuberculous Disease		-	-
Influenza		5	4
Syphilis		2	-
Cancer		22	15
Diabetes		-	1
Intra Cran. Vasc. Lesions		12	11
Heart Diseases		28	21
Diarrhoea (Under 2 years)		-	-
Other Circulatory Diseases		5	1
Bronchitis		9	3
Pneumonia (All forms)		4	3
Other Respiratory Diseases		7	1
Peptic Ulcer etc.		1	1
Appendicitis		1	-
Other Digestive Diseases		2	4
Acute & Chronic Nephritis		3	2
Puerperal Diseases		-	1
Other Maternal Causes		-	-
Congenital Debility, Premature Births &c.		5	3
Senility		-	-
Suicide		2	-
Other Violence		9	1
Other defined Diseases		15	15
ALL CAUSES		134	88
Deaths of infants under one year			
Total		7	5
Legitimate		6	5
Illegitimate		1	-
Still Births			
Total		9	7
Legitimate		7	5
Illegitimate		2	2
Live Births			
Total		192	165
Legitimate		188	158
Illegitimate		4	7

POPULATION - Middle of 1946 (Estimate) -

20,190

TABLE 2.

CAUSES OF DEATH DURING 1946 ACCORDING TO AGE GROUPS.

CAUSE	Under 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Totals
Pulmonary Tuberculosis	-	-	-	1	1	-	-	-	1	-	1	-	-	-	-	4
Non-pulmonary Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	2	-	-	-	1	-	-	1	-	2	1	-	1	-	2	10
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Influenza	-	-	-	1	-	-	-	1	-	-	2	-	-	-	4	14
Bronchitis	-	-	-	-	-	-	-	1	-	-	4	1	3	2	3	2
Other respiratory Disease	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	58
Heart Diseases	3	1	-	-	-	2	4	3	6	4	8	12	9	6	-	28
Cerebral Haemorrhage &c.	-	-	-	-	-	-	-	2	3	5	5	7	3	3	-	3
Arterio Sclerosis	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	37
Cancer	-	-	-	-	-	1	3	7	4	4	6	4	4	4	-	-
Cerebro Spinal Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Prem.births & Cong. Debility	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Pregnancy, other accidents	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Nephritis	-	-	-	-	-	-	-	1	-	-	1	1	2	-	-	5
Appendicitis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Diabetes	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Brain & Nerve Diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Violence, excl. Suicides	2	-	-	1	-	-	1	1	1	1	-	-	1	-	-	14
Suicides	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Other defined Diseases	2	-	-	-	1	2	2	-	1	1	2	4	-	1	-	16
Senile Decay	-	-	-	-	-	-	-	-	-	-	1	4	5	11	-	21
TOTALS.	12	1	-	1	2	3	13	10	17	17	21	26	40	30	30	223

Note:- Statistics compiled locally do not always agree with those of the Registrar General, who has facilities for further investigation.

TABLE 3

CAUSES OF DEATH DURING THE YEAR 1946.

DISTRIBUTION IN WARDS

Compiled Locally

CAUSE	North	East	South	West	Central	Sex		Total	Total Deaths in Hospitals (Inward Trans)	
						Males	Females		M.	F.
Pulmonary Tuberculosis	-	3	1	-	-	2	2	4	-	2
Non-pulmonary Tuberculosis	-	-	-	-	-	-	-	-	-	-
Cerebro Spinal Fever	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Pneumonia	3	2	-	2	3	7	3	10	1	1
Influenza	1	-	-	2	1	1	3	4	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Bronchitis	5	2	-	2	5	9	5	14	2	5
Other Respiratory Diseases	2	-	-	-	-	2	-	2	-	-
Heart Diseases	17	14	6	11	10	35	23	58	2	5
Cerebral Haemorrhage etc.	7	4	4	9	4	15	13	28	1	2
Arterio Sclerosis	1	6	1	1	6	3	15	3	1	1
Cancer	13	-	1	6	-	22	3	37	1	1
Prem. Births & Cong. Debility	2	-	-	-	1	3	1	3	1	1
Pregnancy Other Acc.	-	-	-	-	3	2	3	1	-	-
Nephritis	-	1	-	1	1	1	1	1	-	-
Appendicitis	-	-	-	-	-	-	-	-	-	-
Diabetes	1	-	-	-	-	-	-	-	-	-
Diseases of Brain and Nerve	-	-	-	-	-	-	-	-	-	-
Violence Excluding Suicides	4	5	-	3	2	13	1	14	9	1
Suicides	1	4	-	3	2	1	7	1	5	2
Other Defined Diseases	5	-	2	-	-	9	14	16	1	-
Senile Decay	10	1	-	5	5	7	7	21	-	-
TOTALS	72	42	21	46	42	132	91	224	23	18

TABLE 4

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR, 1946.

DISEASE	Total cases at all ages	CASES NOTIFIED																Total Deaths	Cases Removed to Hospital
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and over				
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scarlet Fever	22	1	1	1	3	2	3	2	3	-	-	2	-	-	-	-	15	-	
Diphtheria	5	-	-	-	-	3	2	2	-	-	-	-	-	-	-	-	5	-	
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pneumonia	28	3	-	2	2	3	-	-	1	3	1	1	9	4	-	-	2	-	
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Ophthalmia Neonatorum	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Erysipelas	9	-	-	-	-	-	1	-	-	2	-	-	2	4	-	-	2	-	
Measles excluding German measles	51	17	60	74	98	108	149	5	-	-	-	-	-	-	-	-	-	-	
Whooping Cough	48	3	9	8	8	9	8	3	-	-	-	-	-	-	-	-	-	-	
Cerebro Spinal Fever	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Encephalitis Lethargica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Poisoning	8	-	-	-	-	-	-	-	-	-	1	5	2	-	-	-	-	-	
TOTALS	635	26	69	85	108	120	176	13	2	7	8	13	8	-	-	-	8	28	

Tuberculosis Notifications

Pulmonary Tuberculosis	Males	10	-	-	-	-	-	-	-	-	3	2	3	2	1	-
	Females	2	-	-	-	-	-	-	-	-	-	-	2	-	1	-
Non-pulmonary Tuberculosis	Males	2	-	-	-	-	-	-	-	1	-	1	-	-	-	-
	Females	7	-	-	-	-	-	1	1	1	2	-	2	-	-	-

TABLE 5.

INFECTIOUS DISEASES NOTIFIED DURING THE YEAR ENDING DECEMBER, 1946.

DISTRIBUTION IN WARDS

DISEASE	North Ward	East Ward	South Ward	West Ward	Central Ward	P.A. Inst.	Sex		Total	Removed to Hospitals
							M.	F.		
Smallpox	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	7	4	4	3	4	-	10	12	22	15
Diphtheria	2	2	-	-	1	-	3	2	5	5
Enteric Fever	-	-	-	-	-	-	-	-	-	-
Pneumonia	6	9	2	4	7	-	16	12	28	2
Puerperal Pyrexia	1	-	-	-	-	-	-	1	1	1
Ophthalmia Neonatorum	2	-	-	-	-	-	1	1	2	2
Erysipelas	2	1	-	-	4	2	1	3	9	2
Measles	244	73	83	53	58	-	265	246	511	-
Whooping Cough	21	6	3	12	6	-	26	22	48	-
Cerebro Spinal Fever	-	-	-	1	-	-	1	-	1	1
Acute Poliоencephalitis	-	-	-	-	-	-	-	-	-	-
Encephalitis Letiарgica	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis	5	3	1	-	2	1	10	2	12	8
Non-pulmonary Tuberculosis	2	4	2	-	1	-	2	7	9	3
Food Poisoning	2	2	-	3	1	-	8	-	8	-
T O T A L S	294	104	95	76	84	3	343	313	656	39

